

## Part B Project Summary

(Revised)

**Project Title:** *(Please fill in the blank)*

A Chinese handwriting Assessment Tool (CHAT) for assessing &amp; evaluating Handwriting performance of primary school children in Hong Kong

小學生中文書寫表現綜合評估及訓練系統

**Project Number**

(To be assigned by the EPMS)

**2007/0020****Name of Organization:** Department of Rehabilitation Sciences, The Hong Kong Polytechnic University

## (1) Goals:

- i. To develop an objective Chinese handwriting assessment tool (CHAT) for assessing handwriting performance and to collect the normative data of local Chinese children aged between 6-10 years;
- ii. To screen and assess the handwriting performance and performance components of children with handwriting difficulties using the CHAT system;
- iii. To identify specific deficits of children in the areas of phonological and morphological function, visual motor function, visual perceptual function and sensory-motor function;
- iv. To evaluate the effectiveness of the comprehensive handwriting training program;
- v. To transfer the training program to teachers and parents if proven to be effective.

## Objectives:

- i. To gather the normative data from children studying between Primary One to Primary six levels (approx 900 children);
- ii. To assess the specific problems among those children identified to have handwriting problems;
- iii. To implement a comprehensive training program based on mental rehearsal and assistive device on 120 students;
- iv. To deliver workshops to teachers and parents on enhancement of the Chinese handwriting.

## (2) Targets:

Expected number of beneficiaries: 900 P.1 - P.6 students; 120 children with poor handwriting; 200 teachers; and 200 parents/caregivers

## (3) Implementation Plan:

- (i) Duration: 24 months
- (ii) Process / Schedule: August 2008 to July 2010
- (iii) Collaboration with other parties / partners: Department of Computer Science, City University of Hong Kong; T.W.S St. Bonaventure Catholic Primary School

## (4) Products:

- (i) Deliverables/outcomes: A newly developed Handwriting Tracer which uses to assess the students' handwriting problem in an objective, quantified mean
- (ii) Dissemination of deliverables / outcomes: Dissemination of deliverables / outcomes: Public seminar would be arranged for professional such as teachers, parents and/or educational professionals working for children on the project outcomes

## (5) Budget:

A. Staff Cost	\$2,328,500
B. Equipment	\$105,000
C. General Expense	\$ 45,000
Total:	\$ 2,478,500

## (6) Evaluation:

- (i) Performance indicators: Presentation of findings
- (ii) Outcome measurements: Production on the interactive training software program; Workshops for teachers and parents; Number of primary one students participated in the project